=> file reg
FILE 'REGISTRY' ENTERED AT 09:07:31 ON 29 AUG 2003

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3
DICTIONARY FILE UPDATES: 27 AUG 2003 HIGHEST RN 574700-05-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

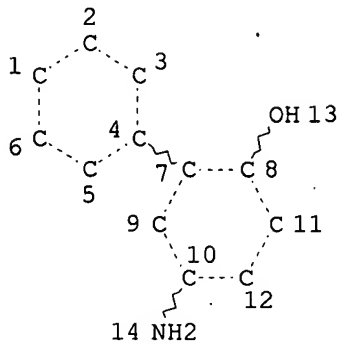
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> file hcapl
FILE 'HCAPLUS' ENTERED AT 09:07:41 ON 29 AUG 2003

FILE COVERS 1907 - 29 Aug 2003 VOL 139 ISS 10
FILE LAST UPDATED: 28 Aug 2003 (20030828/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que
L4 STR



← 438 structures from query

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
L6 438 SEA FILE=REGISTRY SSS FUL L4
L7 232 SEA FILE=HCAPLUS ABB=ON L6
L8 7 SEA FILE=HCAPLUS ABB=ON L7 AND (HAIR OR KERAT?)

7 CA references with utility

=> d l8 1-7 all hitstr

L8 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:675838 HCAPLUS
DN 137:216934
TI Preparation of fused cyclic succinimide compounds and analogs thereof, as modulators of nuclear hormone receptor function
IN Salvati, Mark E.; Attar, Ricardo M.; Gottardis, Marco M.; Balog, James A.; Pickering, Dacia A.; Martinez, Rogelio L.; Sun, Chongqing
PA Bristol-Myers Squibb Company, USA
SO PCT Int. Appl., 331 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM A61K031-495
CC 28-2 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 1, 2, 27
FAN.CNT 1

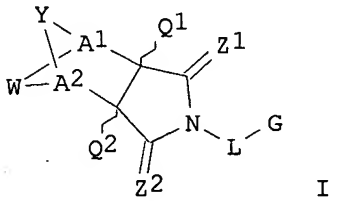
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067939	A1	20020906	WO 2002-US5302	20020220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,

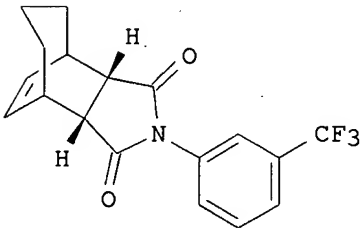
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2001-271672P P 20010227
OS MARPAT 137:216934

GI



I



II

AB Title compds. I [G = (un)substituted cycloalkenyl, aryl or heterocyclo (mono or polycyclic); Z1 and Z2 independently = O, S, NH or substituted amine; L = bond, substituted alkyl chain, NH, substituted amine; A1 and A2 independently = CR1 or N when Y = J-J'-J'' where J = (CR1R1')n with n = 0-3, J' = bond, carbonyl, CR1R1', R2P:O, R2P:S, etc., and W = CR1R1'-CR1R1', CR3:CR3', (un)substituted cycloalkyl, etc.; or when Y is absent A1 and A2 independently = CR1R1' or NR1; or when Y is absent A1, A2 and W together form -NR1-N:N-; Q1 and Q2 independently = H, (un)substituted alkyl, alkenyl, cycloalkyl, etc.; R1 and R1' independently = H, (un)substituted alkyl, alkenyl, cycloalkyl, cycloalkenyl, amino, halo, CN, etc.; R2 = (un)substituted alkyl, cycloalkyl, cycloalkenyl, heterocyclo, aryl, arylalkyl, etc.; R3 and R3' independently = H, (un)substituted alkyl, alkenyl, CN, halo, nitro, amino, etc.] are prepd. and methods of using such compds. in the treatment of nuclear hormone receptor-assocd. conditions, and pharmaceutical compns. contg. such compds are disclosed. Thus, II was prepd. by cyclocondensation of (3a.alpha.,4.beta.,8.beta.,8a.alpha.)-4,5,6,7,8,8a-hexahydro-4,8-etheno-1H-cyclohepta[c]furan-1,3(3aH)dione (prepn. given) with 3-(trifluoromethyl)aniline. Combinatorial methods of prepg. compds. of formula I are also provided. As modulators of nuclear hormone receptor function, the use of I as potential anticancer agents and for treatment of immune disorders is claimed (no data).

ST isoindoledione prepn nuclear hormone receptor function antitumor immune disorder; succinimide fused cyclic prepn cancer antitumor immune disorder; combinatorial library isoindoledione prepn nuclear hormone receptor disorder

IT Prostate gland, neoplasm
(adenocarcinoma; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Drugs
(appetite stimulants; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Muscle, disease
(atrophy, inhibition of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Prostate gland, neoplasm
(carcinoma; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Menopause
(disorder, hot flash; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Menopause
(disorder; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Vagina
(dryness; treatment of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Uterus, disease
(endometriosis, treatment of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Uterus, neoplasm
(endometrium; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Heart, disease
(failure; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT **Hair** preparations
(growth inhibitors; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT **Hair** preparations
(growth stimulants; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Reproductive tract, disease
(hypogonadism, treatment of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Abortion
(induced; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Parturition
(inducing; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Uterus, neoplasm
(leiomyoma; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Sexual behavior
(libido; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Alopecia
(male pattern; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Diabetes mellitus
(non-insulin-dependent; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Ovary, disease
(polycystic, treatment of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
IT Combinatorial library

(prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Alzheimer's disease
Angiogenesis
Angiogenesis inhibitors
Anorexia
Anti-Alzheimer's agents
Anti-inflammatory agents
Anticholesteremic agents
Antidiabetic agents
Antipsychotics
Antitumor agents
Cachexia
Cardiovascular agents
Contraceptives
Heart, disease
Human
Inflammation
Mammary gland, neoplasm
Neoplasm
Osteoporosis
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Mental disorder
(psychosis; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Androgens
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(replacement therapy, treatment of decreased testosterone levels in men; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Appetite
(stimulants; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Spermatogenesis
(suppressing; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Osteoporosis
(therapeutic agents; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Dopamine receptors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(treatment of disorders mediated by; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Androgen receptors
Estrogen receptors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(treatment of tumor cells contg.; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT Acne
Autoimmune disease
Drug dependence
Hirsutism
Seborrhea
(treatment of; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 944-40-1P 944-41-2P 2746-19-2P 7124-34-7P 14166-28-0P
17812-27-0P 29577-71-7P 73252-09-2P 115419-41-5P 249259-68-5P

455279-73-9P 455279-74-0P 455279-75-1P
RL: CRT (Combinatorial reactant); RCT (Reactant); SPN (Synthetic preparation); CMBI (Combinatorial study); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 610-93-5P 931-22-6P 17402-82-3P, Benzo[b]thiophen-3-amine 32896-90-5P 56587-27-0P 65399-05-5P 67081-02-1P 73306-79-3P 99864-95-6P 155172-19-3P 406224-21-3P 455279-76-2P 455279-77-3P 455279-78-4P 455279-79-5P 455279-80-8P 455279-81-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 63-74-1, 4-Aminosulfonylaniline 83-55-6 85-42-7, 1,2-Cyclohexanedicarboxylic anhydride 85-43-8 91-59-8, 2-Naphthalenamine 93-05-0, 4-(N,N-Diethylamino)aniline 94-09-7 95-03-4, 5-Chloro-2-methoxyaniline 95-55-6, 2-Aminophenol 95-64-7, 3,4-Dimethylaniline 95-74-9, 3-Chloro-4-methylaniline 95-76-1, 3,4-Dichloroaniline 96-74-2 98-16-8, 3-(Trifluoromethyl)aniline 99-03-6, 3-Acetylaniline 99-09-2, 3-Nitroaniline 99-31-0 99-88-7, 4-Isopropylaniline 100-01-6, 4-Nitroaniline, reactions 104-10-9, 4-(2-Hydroxyethyl)aniline 104-96-1, 4-Methylthioaniline 106-40-1, 4-Bromoaniline 106-47-8, 4-Chloroaniline, reactions 108-44-1, 3-Methylaniline, reactions 108-69-0, 3,5-Dimethylaniline 117-40-8 118-46-7 118-92-3, 2-Aminobenzoic acid 119-32-4, 4-Methyl-3-nitroaniline 119-34-6, 3-Nitro-4-hydroxyaniline 121-50-6, 2-Chloro-5-(trifluoromethyl)aniline 121-87-9, 2-Chloro-4-nitroaniline 129-64-6, cis-5-Norbornene-endo-2,3-dicarboxylic anhydride 132-32-1 134-20-3 134-32-7, 1-Aminonaphthalene 137-07-5, 2-Mercaptoaniline 137-17-7, 2,4,5-Trimethylaniline 150-13-0, 4-Aminobenzoic acid 153-78-6, 2-Fluorenylamine 156-43-4, 4-Ethoxyaniline 320-51-4, 4-Chloro-3-(trifluoromethyl)aniline 364-13-6 364-76-1, 4-Fluoro-3-nitroaniline 367-21-5, 4-Fluoro-3-chloroaniline 367-34-0, 2,4,5-Trifluoroaniline 368-53-6 371-40-4, 4-Fluoroaniline 372-16-7, 4-(Trifluoromethylthio)aniline 372-19-0, 3-Fluoroaniline 372-39-4, 3,5-Difluoroaniline 393-11-3, 4-Nitro-3-(trifluoromethyl)aniline 393-36-2 438-32-4 452-69-7, 4-Fluoro-3-methylaniline 452-84-6, 2-Fluoro-5-methylaniline 455-14-1, 4-Trifluoromethylaniline 462-08-8, 3-Pyridinamine 504-24-5, 4-Aminopyridine 504-29-0, 2-Pyridinamine 533-30-2, 6-Benzothiazolamine 535-52-4, 2-Fluoro-5-(trifluoromethyl)aniline 540-37-4, 4-Iodoaniline 551-93-9 578-66-5, 8-Aminoquinoline 580-15-4, 6-Quinolinamine 580-19-8, 7-Quinolinamine 587-02-0, 3-Ethylaniline 589-16-2, 4-Ethylaniline 611-05-2, 3-Methyl-4-nitroaniline 611-34-7, 5-Quinolinamine 618-87-1, 3,5-Dinitroaniline 626-01-7, 3-Iodoaniline 626-40-4, 3,5-Dibromoaniline 626-43-7, 3,5-Dichloroaniline 634-91-3, 3,4,5-Trichloroaniline 635-22-3, 4-Chloro-3-nitroaniline 636-30-6, 2,4,5-Trichloroaniline 654-70-6 713-62-2 720-98-9 722-92-9 769-27-7 776-34-1, 1-Amino-4-nitronaphthalene 784-57-6 825-41-2, 3-Chloro-4-nitroaniline 873-74-5, 4-Aminobenzonitrile 1008-95-3 1125-60-6, 5-Isoquinolinamine 1198-64-7 1484-26-0, 3-Benzyloxyaniline 1535-73-5, 3-(Trifluoromethoxy)aniline 1544-85-0 1603-40-3, 2-Amino-3-methylpyridine 1687-53-2, 2-Methoxy-5-aminophenol 1824-81-3, 2-Amino-6-methylpyridine 1877-77-6, 3-(Hydroxymethyl)aniline 1998-66-9 2051-53-8, 2-Methyl-5-isopropylaniline 2217-40-5 2243-61-0, 1,4-Naphthalenediamine 2243-62-1, 1,5-Naphthalenediamine 2246-44-8 2298-07-9 2307-00-8 2357-47-3, 4-Fluoro-3-(trifluoromethyl)aniline

2359-60-6, 4-(1-Piperidinyl)aniline 2524-67-6 2696-84-6,
4-(n-Propyl)aniline 2834-90-4 3096-57-9, 2-Amino-9H-fluoren-9-one
3102-87-2, 1,4-Diamino-2,3,5,6-tetramethylbenzene 3230-35-1 3325-11-9,
1H-Benzotriazol-5-amine 3425-89-6 3470-54-0 3535-75-9 3544-25-0,
4-Cyanomethylaniline 3638-73-1, 2,5-Dibromoaniline 3682-14-2
3862-73-5, 2,3,4-Trifluoroaniline 3863-11-4, 3,4-Difluoroaniline
3886-70-2 4106-66-5, 3-Dibenzofuranamine 4469-78-7 4518-10-9
4684-12-2, 4-Chloro-1-naphthalenamine 4730-93-2 4760-53-6 4993-96-8
5192-03-0, 1H-Indol-5-amine 5307-14-2, 2-Nitro-4-aminoaniline
5333-84-6 5345-54-0, 3-Chloro-4-methoxyaniline 5348-42-5,
1,2-Diamino-4,5-dichlorobenzene 5369-16-4, 3-Isopropylaniline
5369-19-7, 3-(tert-Butyl)aniline 5438-24-4 5443-16-3 5455-81-2
5470-49-5, 4-Methylsulfonylaniline 5650-01-1 5834-17-3 5930-28-9,
3,5-Dichloro-4-hydroxyaniline 6004-79-1 6313-37-7 6315-89-5,
3,4-Dimethoxyaniline 6344-62-3 6358-07-2, 2-Amino-4-chloro-5-
nitrophenol 6373-46-2, 4-Benzyloxyaniline 6376-14-3 6623-41-2,
2-Amino-4,5-dimethylphenol 6628-04-2 6933-10-4, 4-Bromo-3-
methylaniline 6942-37-6 6967-12-0, 1H-Indazol-6-amine 7149-75-9,
3-Methyl-4-chloroaniline 7365-74-4 7418-43-1 10420-89-0 13171-61-4
13207-66-4 13788-70-0 14268-66-7, 1,3-Benzodioxol-5-amine 14415-44-2
14763-20-3, 3-Chlorophenylhydrazine 14806-35-0 15918-79-3 16153-81-4
16452-01-0, 4-Methyl-3-methoxyaniline 16712-58-6 16889-21-7
16994-13-1 17823-38-0 17823-89-1 17824-28-1 18978-78-4
19063-57-1 19335-11-6, 1H-Indazol-5-amine 19438-60-9 19840-99-4
19947-75-2 20012-63-9, 2-Benzyloxyaniline 20191-74-6 20870-91-1
20925-27-3 20929-46-8 21116-13-2 21402-26-6, 4-Bromo-3-chloroaniline
21901-40-6 22013-33-8 22246-07-7 22865-62-9, 4-Methylsulfinylaniline
23031-78-9, 1,2-Benzisothiazol-3-amine 23679-72-3 24313-88-0,
3,4,5-Trimethoxyaniline 24327-08-0, endo-Bicyclo[2.2.2]-5-octene-2,3-
dicarboxylic anhydride 24425-40-9 24447-28-7 25392-18-1 25464-96-4
25900-61-2 26093-31-2 26210-75-3 27492-84-8 28094-04-4
28657-75-2 28786-85-8 30202-92-7 31951-12-9, 4-(tert-Butyl)-3-
nitroaniline 33630-94-3 34762-56-6 35212-85-2, Methyl-3-
aminobenzothiophene-2-carboxylate 35944-64-0, 3-Iodo-4-methylaniline
37559-33-4 40444-36-8 42984-96-3 46047-18-1 **50432-01-4**,
2,6-Diphenyl-4-aminophenol 50670-64-9, 5-Amino-2-methylbenzonitrile
51123-09-2 51387-92-9 51606-73-6 51606-74-7 53312-81-5,
5-Amino-2-fluorobenzonitrile 53324-08-6 53518-15-3 54396-44-0,
2-Methyl-3-(trifluoromethyl)aniline 55048-24-3 55396-63-9 56354-98-4
56587-29-2 56746-19-1, 4-Bromo-2,6-diethylaniline 57334-19-7
57805-85-3 58721-76-9 58728-64-6
RL: CRT (Combinatorial reactant); RCT (Reactant); CMBI (Combinatorial study); RACT (Reactant or reagent)
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 62261-58-9 62368-29-0 65079-19-8 65382-95-8 67567-26-4,
4-Bromo-2,6-difluoroaniline 70654-85-2 74159-77-6 89586-07-2
89793-82-8 90111-40-3 90721-35-0 91391-90-1 91973-40-9
97051-69-9 99865-96-0 100710-39-2 116481-67-5 121180-51-6
123458-65-1 134018-53-4, 3-Benzofuranamine 134050-76-3 134514-34-4
134992-40-8 135050-44-1, 3-Chloro-4-iodoaniline 143173-93-7
147752-39-4 155338-68-4 156901-61-0 157252-24-9 163733-96-8,
3,4,5-Trifluoroaniline 175135-08-7 175135-55-4 175205-10-4
175277-91-5 177995-39-0 195046-32-3 195046-42-5 198077-72-4
207974-07-0 218929-90-9 243666-11-7 243977-15-3 267648-18-0
314272-29-2 404827-78-7 455279-82-0 455279-83-1 455279-84-2
455279-85-3 455279-86-4 455279-87-5 455279-88-6 455279-89-7
455279-92-2 455279-93-3 455279-94-4 455279-95-5 455279-96-6

455279-97-7 455279-98-8 455279-99-9 455280-00-9 455280-01-0
455280-02-1 455280-03-2 455280-04-3 455280-05-4 455280-06-5
455280-07-6 455280-08-7 455280-09-8
RL: CRT (Combinatorial reactant); RCT (Reactant); CMBI (Combinatorial study); RACT (Reactant or reagent)
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 57319-65-0P
RL: CRT (Combinatorial reactant); RCT (Reactant); SPN (Synthetic preparation); CMBI (Combinatorial study); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 71-43-2, Benzene, reactions 89-40-7, 4-Nitrophthalimide 108-31-6, Maleic anhydride, reactions 544-25-2, Cycloheptatriene 592-57-4, 1,3-Cyclohexadiene 616-02-4, Citraconic anhydride 765-46-8, Spiro[2.4]hepta-4,6-diene 825-54-7, 1-Phenylcyclopentene 930-30-3, 2-Cyclopenten-1-one 1614-12-6, 1-Aminobenzotriazole 2758-18-1, 3-Methyl-2-cyclopenten-1-one 2931-32-0 3853-88-1 4054-38-0, 1,3-Cycloheptadiene 5418-51-9, 2-Hydroxy-5-nitropyridine 6318-55-4 17793-95-2, cis-1,2-Dihydrocatechol 19763-90-7, 3,4-Dichlorophenylhydrazine hydrochloride 28620-12-4, 6-Nitro-2-benzothiazolinone 36216-80-5, 3-Amino-1,2-benzisoxazole 51447-09-7 54781-19-0, 2-(Trimethylsilyloxy)cyclohexa-1,3-diene 157701-72-9, 2-Fluoro-4-nitrobenzaldehyde 198821-79-3 455279-90-0 455279-91-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 455271-95-1P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compd.; prepn. and crystal structure of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 74807-08-2P
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 2015-58-9P 4697-05-6P 15247-36-6P 19077-67-9P 19849-14-0P
26234-46-8P 26491-17-8P 43069-64-3P 54962-32-2P 55099-10-0P
55099-11-1P 55680-87-0P 66318-77-2P 66428-17-9P 66428-21-5P
66823-85-6P 72657-50-2P 72657-51-3P 74944-59-5P 89074-15-7P
89104-84-7P 116755-71-6P 131317-28-7P 132445-68-2P 146962-96-1P
168251-89-6P 197162-90-6P 201947-27-5P 217490-18-1P 217490-19-2P
217490-20-5P 253865-26-8P 277749-69-6P 295364-52-2P 297742-64-4P
298682-50-5P 299422-77-8P 300818-81-9P 300818-83-1P 308841-90-9P
312713-26-1P 329736-39-2P 329736-49-4P 346405-87-6P 353524-22-8P
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RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

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RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

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RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 455281-05-7P 455281-06-8P
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of combinatorial libraries of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 455271-60-0P 455271-65-5P 455271-75-7P 455272-01-2P
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(target compd.; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

IT 455271-77-9P 455271-79-1P 455271-82-6P 455271-87-1P 455271-93-9P
455272-03-4P 455272-10-3P 455272-22-7P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(target compd.; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)

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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(target compd.; prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Bayer Corporation; WO 9932463 A1 1999 HCAPLUS
(2) Saji; US 5532372 A 1996 HCAPLUS
(3) Sekut; US 6054487 A 2000 HCAPLUS
IT **50432-01-4**, 2,6-Diphenyl-4-aminophenol
RL: CRT (Combinatorial reactant); RCT (Reactant); CMBI (Combinatorial study); RACT (Reactant or reagent)
(prepn. of substituted fused cyclic isoindolediones as modulators of nuclear hormone receptor function)
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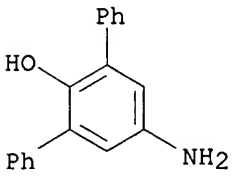

L8 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:9831 HCAPLUS
DN 136:74279
TI Oxidative **hair** dye containing 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler
IN Braun, Hans-Juergen; Umbricht, Gisela
PA Wella Aktiengesellschaft, Germany
SO Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DT Patent
LA German
IC ICM A61K007-13
CC 62-3 (Essential Oils and Cosmetics)
Section cross-reference(s): 25
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	EP 1166749	A3	20030514		
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PRAI	DE 2000-10032135	A	20000701		

OS MARPAT 136:74279
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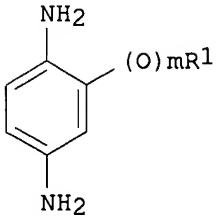

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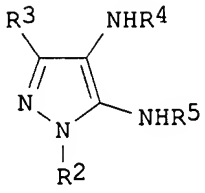

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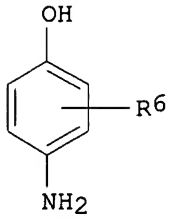


III

AB The invention concerns oxidative **hair** dyes that contain 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler, a p-phenylene diamine deriv. (I), a 4,5-diamino-1H-pyrazole deriv. (II), and p-aminophenyl derivs. (III). Thus 2,4-diamino-1-(2-methoxyethoxy)benzene dihydrochloride was synthesized. 0.67 G of the product was used as coupler in a **hair** dye soln. that further contained (g): ethanol 10.0; sodium lauryl ether sulfate (28% aq. soln.) 10.0; ammonia (25% aq. soln.) 10.0; ascorbic acid 0.30; 2-hydroxymethyl-p-phenylene diamine 0.35; water to 100.

ST oxidative **hair** dye diaminomethoxyethoxybenzene deriv

IT Oxidizing agents
Temperature
pH
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

IT 106-50-3D, p-Phenylenediamine, derivs. 123-30-8D, p-Aminophenol, derivs. 288-13-1D, Pyrazole, derivs. 2835-99-6, 3-Methyl-4-aminophenol **19434-42-5** 45514-38-3, 4,5-Diamino-1-methyl-1H-pyrazole 73793-79-0 73793-80-3 79352-72-0, 2-Aminomethyl-4-aminophenol 93841-24-8 96886-30-5 104333-09-7, 2-Hydroxymethyl-4-aminophenol 109942-17-8, [1,1'-Biphenyl]-2,5-diamine 126335-43-1 131311-66-5 132026-22-3 132026-42-7 155601-16-4, 4,5-Diamino-1-(1-methylethyl)-1H-pyrazole 155601-17-5, 4,5-Diamino-1-(2-hydroxyethyl)-1H-pyrazole 157469-54-0, 4,5-Diamino-1-[(4-methylphenyl)methyl]-1H-pyrazole 168202-61-7, 3-Hydroxymethyl-4-aminophenol 220264-58-4 232284-09-2 244104-61-8 246244-41-7 306959-12-6 329320-36-7 337906-36-2 349649-41-8 349649-42-9 349649-44-1
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

IT 71077-37-7P, 1,3-Diamino-4-(2-methoxyethoxy)benzene
RL: COS (Cosmetic use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

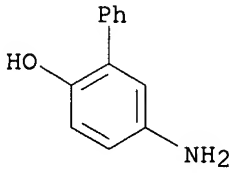
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

IT 66422-98-8P
RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

IT 97-00-7, 1-Chloro-2,4-dinitrobenzene
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

IT **19434-42-5**
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(oxidative **hair** dye contg. 2,4-diamino-1-(2-methoxyethoxy)benzene as coupler)

RN 19434-42-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino- (9CI) (CA INDEX NAME)



L8 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:903370 HCAPLUS
DN 136:42512
TI 2-Hydroxy-5-aminobiphenyl derivatives for oxidation **hair** dyeing compositions
IN Chassot, Laurent; Braun, Hans-Juergen
PA Wella A.-G., Germany
SO Ger., 22 pp.
CODEN: GWXXAW
DT Patent
LA German
IC ICM C07C215-76
ICS A61K007-13; C07C217-84
CC 62-3 (Essential Oils and Cosmetics)
Section cross-reference(s): 25, 41

applicants

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10032134	C1	20011213	DE 2000-10032134	20000701
WO 2002002507	A1	20020110	WO 2001-EP2704	20010310
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2001006932	A	20020514	BR 2001-6932	20010310

EP 1208077 A1 20020529 EP 2001-936066 20010310
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2002166180 A1 20021114 US 2002-49346 20020130
PRAI DE 2000-10032134 A 20000701
WO 2001-EP2704 W 20010310
OS MARPAT 136:42512

AB Compns. for the oxidative dyeing of **hair** fibers are based on a developer/coupling substance combination. The developer can be selected from 2-hydroxy-5-aminobiphenyl derivs. Thus, 2-hydroxy-5-aminobiphenyl-HCl (I) was prepd. by the bromination of 4-nitrophenol followed by the reaction with chloromethyl Me ether of the resulting bromo compd, coupling with phenylboronic acid in the presence of tetrakis(triphenylphosphine)palladium and catalytic redn. Thus, a **hair** dye formulation contained I 1.25 and 1,3-dihydroxybenzene (coupler) 1.25 mmol, 8% aq. potassium oleate soln. 1.0, 22% aq. soln. of NH3 1.0, EtOH 1.0, ascorbic acid 0.3, and water to 100.0 g.

ST hydroxyaminobiphenyl oxidn **hair** dye prepn; biphenyl amino oxidn **hair** dye prepn

IT Dyes
(direct; hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT **Hair** preparations
(dyes, oxidative; hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT **Hair** preparations
(dyes; hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT 90-15-3, 1-Naphthol 95-88-5, 1-Chloro-2,4-dihydroxybenzene 106-50-3, 1,4-Diaminobenzene, biological studies 108-45-2, 1,3-Diaminobenzene, biological studies 108-46-3, 1,3-Dihydroxybenzene, biological studies 123-30-8, 4-Aminophenol 533-31-3, 1,3-Benzodioxol-5-ol 591-27-5, 3-Aminophenol 608-25-3, 2-Methyl-1,3-dihydroxybenzene 615-50-9, 2,5-Diaminotoluene sulfate 2835-95-2, 5-Amino-2-methylphenol 2835-98-5, 2-Amino-5-methylphenol 2835-99-6, 3-Methyl-4-aminophenol 5697-02-9, 1-Acetoxy-2-methylnaphthalene 6358-09-4, 2-Amino-6-chloro-4-nitrophenol 26455-21-0, N-(3-Dimethylamino)phenylurea 28365-08-4 63886-75-9 70643-20-8 83763-48-8 84540-50-1, 3-Amino-2-chloro-6-methylphenol 90817-34-8, 3-Amino-2-methylamino-6-methoxypyridine 93841-25-9 94158-14-2 131657-78-8, 6-Chloro-2-ethylamino-4-nitrophenol 135043-64-0, 4-Amino-2-aminomethylphenol dihydrochloride 155601-30-2 169381-75-3 217311-43-8, 2,4-Diamino-5-fluorotoluene sulfate 350482-01-8 350482-02-9 379220-23-2
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT **19434-42-5P 42961-77-3P 379219-69-9P 379219-70-2P 379219-71-3P 379219-72-4P 379219-73-5P 379219-74-6P 379219-75-7P 379219-76-8P 379219-77-9P 379219-78-0P 379219-79-1P 379219-80-4P 379219-81-5P 379219-82-6P 379219-83-7P 379219-84-8P 379219-85-9P 379219-86-0P 379219-87-1P 379219-88-2P 379219-89-3P 379219-90-6P 379219-91-7P 379219-92-8P 379219-93-9P 379219-94-0P 379219-95-1P 379219-96-2P 379219-97-3P 379219-98-4P 379219-99-5P 379220-00-5P 379220-02-7P 379220-04-9P 379220-06-1P 379220-08-3P 379220-09-4P**

379220-11-8P 379220-13-0P 379220-15-2P
379220-17-4P 379220-25-4P 379220-26-5P
379220-27-6P 379220-28-7P 379220-29-8P
RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT 70-11-1, 2-Bromoacetophenone 95-46-5, 2-Bromotoluene 100-02-7, 4-Nitrophenol, reactions 104-92-7 104-95-0 106-38-7, 4-Bromotoluene 106-40-1, 4-Bromoaniline 106-41-2, 4-Bromophenol 107-30-2, Chloromethylmethylether 402-43-7 460-00-4, 1-Bromo-4-fluorobenzene 553-94-6 556-96-7 576-23-8 578-57-4 583-70-0 583-71-1 588-96-5 591-17-3, 3-Bromotoluene 591-20-8, 3-Bromophenol 623-00-7, 4-Bromobenzonitrile 1072-85-1, 1-Bromo-2-fluorobenzene 1073-06-9, 1-Bromo-3-fluorobenzene 1422-53-3, 2-Bromo-4-fluorotoluene 1585-07-5, 1-Bromo-4-ethylbenzene 1973-22-4, 1-Bromo-2-ethylbenzene 2398-37-0 2635-13-4, 4-Bromo-1,2-methylenedioxybenzene 2655-84-7, 1-Bromo-3-ethoxybenzene 3188-13-4, Chloromethylethylether 3972-65-4 4654-39-1 5391-88-8 6952-59-6, 3-Bromobenzonitrile 10075-50-0, 5-Bromoindole 10269-01-9, 3-Bromo-benzylamine 14472-14-1, 4-Bromo-3-methylphenol 17715-69-4 19614-16-5 25015-63-8, Pinacolborane 27060-75-9, 2-Bromo-5-methoxytoluene 34743-88-9 41252-83-9, 2-(2-Bromophenyl)ethanol 54840-15-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

IT 4291-29-6P, 2-Hydroxy-5-nitrobiphenyl 5847-59-6P, 2-Bromo-4-nitrophenol 364598-99-2P 364599-00-8P 365533-48-8P 373380-62-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Anon; HCAPLUS
(2) Anon; EP 0027679 A HCAPLUS
(3) Anon; EP 0873745 A2 HCAPLUS
(4) Anon; DE 2518393 A1 HCAPLUS
(5) Anon; DE 2659056 A1 HCAPLUS

IT **19434-42-5P 42961-77-3P 379219-69-9P**
379219-70-2P 379219-71-3P 379219-72-4P
379219-73-5P 379219-74-6P 379219-75-7P
379219-76-8P 379219-77-9P 379219-78-0P
379219-79-1P 379219-80-4P 379219-81-5P
379219-82-6P 379219-83-7P 379219-84-8P
379219-85-9P 379219-86-0P 379219-87-1P
379219-88-2P 379219-89-3P 379219-90-6P
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379219-94-0P 379219-95-1P 379219-96-2P
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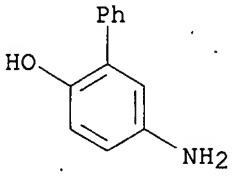
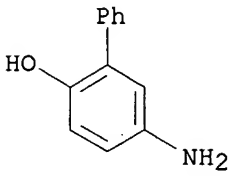
379220-06-1P 379220-08-3P 379220-09-4P
379220-11-8P 379220-13-0P 379220-15-2P
379220-17-4P 379220-25-4P 379220-26-5P
379220-27-6P 379220-28-7P 379220-29-8P
RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(hydroxyaminobiphenyl derivs. for oxidn. **hair** dyeing compns.)

RN 19434-42-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino- (9CI) (CA INDEX NAME)

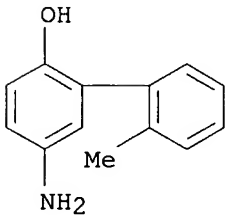


RN 42961-77-3 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-, hydrochloride (9CI) (CA INDEX NAME)



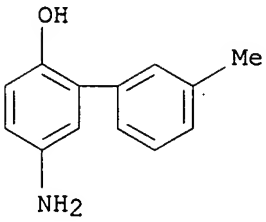
● HCl

RN 379219-69-9 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



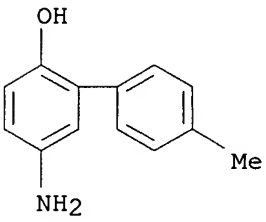
● HCl

RN 379219-70-2 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



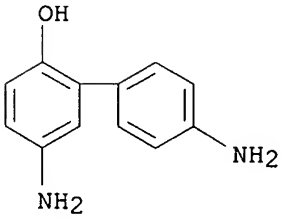
● HCl

RN 379219-71-3 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



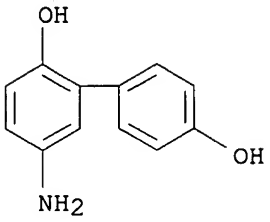
● HCl

RN 379219-72-4 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 4',5-diamino-, monohydrochloride (9CI) (CA INDEX NAME)



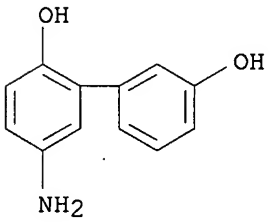
● HCl

RN 379219-73-5 HCAPLUS
CN [1,1'-Biphenyl]-2,4'-diol, 5-amino-, hydrochloride (9CI) (CA INDEX NAME)



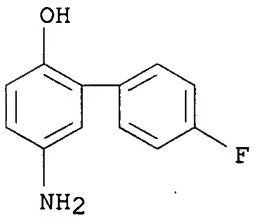
● HCl

RN 379219-74-6 HCAPLUS
CN [1,1'-Biphenyl]-2,3'-diol, 5-amino-, hydrochloride (9CI) (CA INDEX NAME)



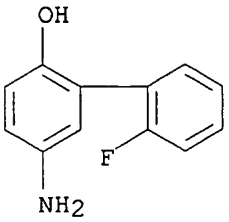
● HCl

RN 379219-75-7 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-fluoro-, hydrochloride (9CI) (CA INDEX NAME)



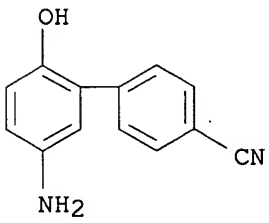
● HCl

RN 379219-76-8 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2'-fluoro-, hydrochloride (9CI) (CA INDEX NAME)



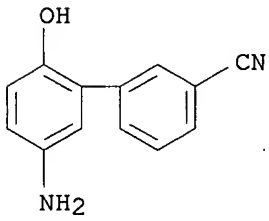
● HCl

RN 379219-77-9 HCAPLUS
CN [1,1'-Biphenyl]-4-carbonitrile, 5'-amino-2'-hydroxy-, monohydrochloride (9CI) (CA INDEX NAME)



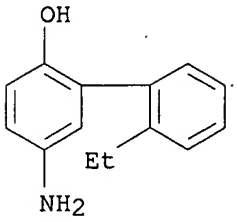
● HCl

RN 379219-78-0 HCAPLUS
CN [1,1'-Biphenyl]-3-carbonitrile, 5'-amino-2'-hydroxy-, monohydrochloride (9CI) (CA INDEX NAME)



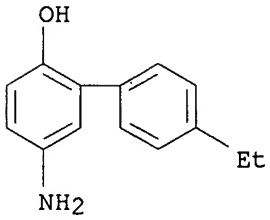
● HCl

RN 379219-79-1 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2'-ethyl-, hydrochloride (9CI) (CA INDEX NAME)



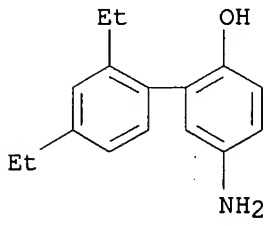
● HCl

RN 379219-80-4 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-ethyl-, hydrochloride (9CI) (CA INDEX NAME)



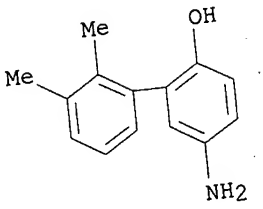
● HCl

RN 379219-81-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2',4'-diethyl-, hydrochloride (9CI) (CA INDEX NAME)



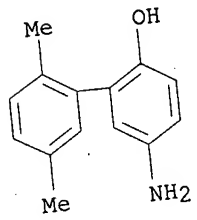
● HCl

RN 379219-82-6 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2',3'-dimethyl-, hydrochloride (9CI) (CA INDEX NAME)



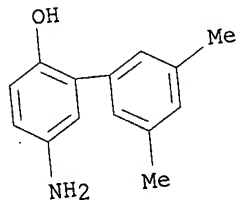
● HCl

RN 379219-83-7 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2',5'-dimethyl-, hydrochloride (9CI) (CA INDEX NAME)



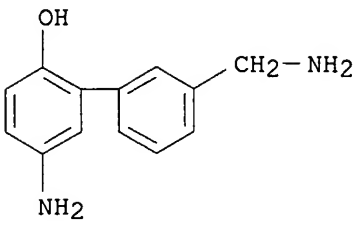
● HCl

RN 379219-84-8 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3',5'-dimethyl-, hydrochloride (9CI) (CA INDEX NAME)



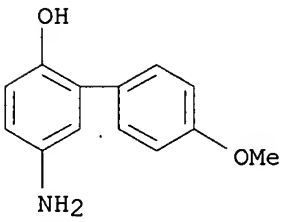
● HCl

RN 379219-85-9 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3'-(aminomethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



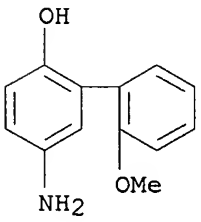
● HCl

RN 379219-86-0 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-methoxy-, hydrochloride (9CI) (CA INDEX NAME)



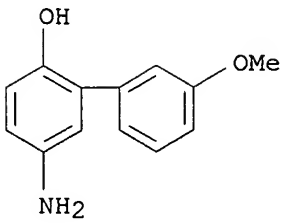
● HCl

RN 379219-87-1 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2'-methoxy-, hydrochloride (9CI) (CA INDEX NAME)



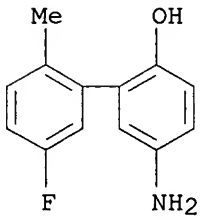
● HCl

RN 379219-88-2 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3'-methoxy-, hydrochloride (9CI) (CA INDEX NAME)



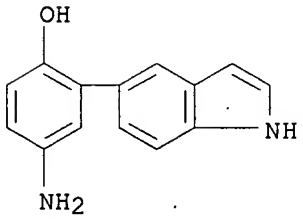
● HCl

RN 379219-89-3 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-5'-fluoro-2'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



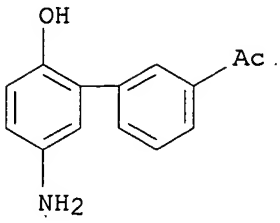
● HCl

RN 379219-90-6 HCAPLUS
CN Phenol, 4-amino-2-(1H-indol-5-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



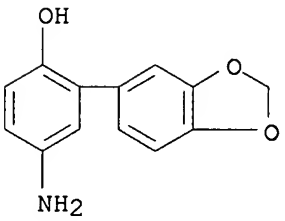
● HCl

RN 379219-91-7 HCAPLUS
CN Ethanone, 1-(5'-amino-2'-hydroxy[1,1'-biphenyl]-3-yl)-, hydrochloride (9CI) (CA INDEX NAME)



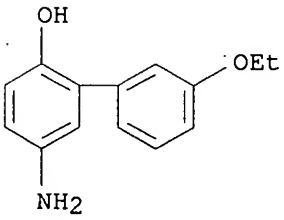
● HCl

RN 379219-92-8 HCAPLUS
CN Phenol, 4-amino-2-(1,3-benzodioxol-5-yl)-, hydrochloride (9CI) (CA INDEX NAME)



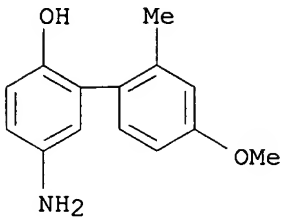
● HCl

RN 379219-93-9 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3'-ethoxy-, hydrochloride (9CI) (CA INDEX NAME)



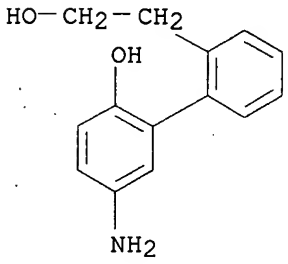
● HCl

RN 379219-94-0 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-methoxy-2'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



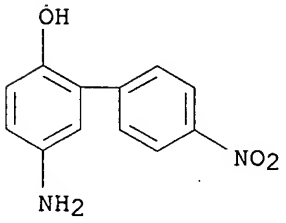
● HCl

RN 379219-95-1 HCAPLUS
CN [1,1'-Biphenyl]-2-ethanol, 5'-amino-2'-hydroxy-, hydrochloride (9CI) (CA INDEX NAME)



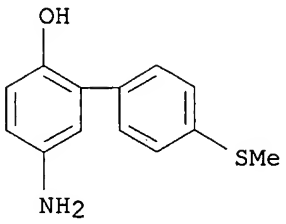
● HCl

RN 379219-96-2 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-nitro-, monohydrochloride (9CI) (CA INDEX NAME)



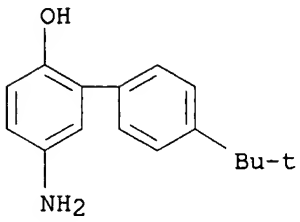
● HCl

RN 379219-97-3 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-(methylthio)-, hydrochloride (9CI) (CA INDEX NAME)



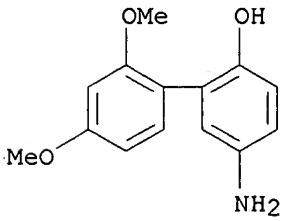
● HCl

RN 379219-98-4 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-(1,1-dimethylethyl)-, hydrochloride (9CI) (CA INDEX NAME)



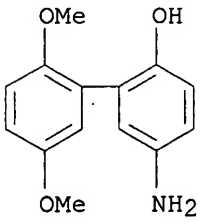
● HCl

RN 379219-99-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2',4'-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)



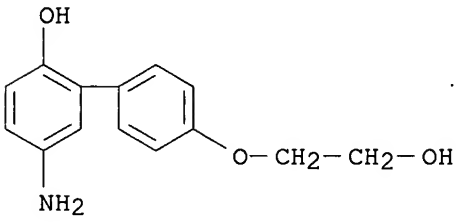
● HCl

RN 379220-00-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2',5'-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)



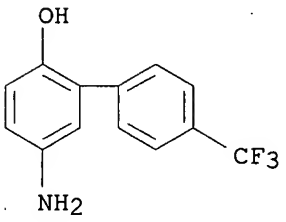
● HCl

RN 379220-02-7 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-(2-hydroxyethoxy)-, hydrochloride (9CI) (CA INDEX NAME)



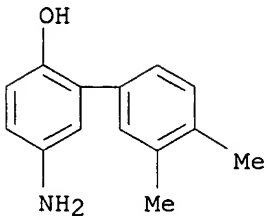
● HCl

RN 379220-04-9 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-(trifluoromethyl)-, hydrochloride (9CI) (CA INDEX NAME)



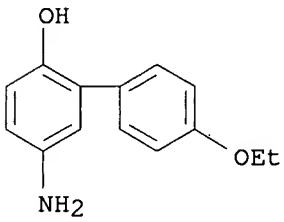
● HCl

RN 379220-06-1 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3',4'-dimethyl-, hydrochloride (9CI) (CA INDEX NAME)



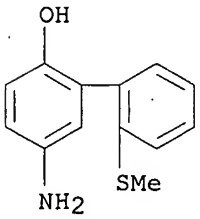
● HCl

RN 379220-08-3 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-ethoxy-, hydrochloride (9CI) (CA INDEX NAME)



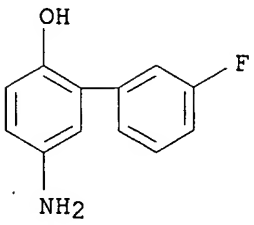
● HCl

RN 379220-09-4 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-2'-(methylthio)-, hydrochloride (9CI) (CA INDEX NAME)



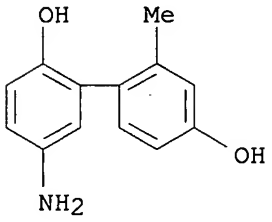
● HCl

RN 379220-11-8 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-3'-fluoro-, hydrochloride (9CI) (CA INDEX NAME)



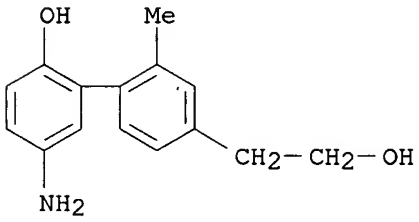
● HCl

RN 379220-13-0 HCAPLUS
CN [1,1'-Biphenyl]-2,4'-diol, 5-amino-2'-methyl-, hydrochloride (9CI) (CA INDEX NAME)



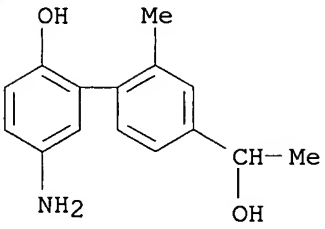
● HCl

RN 379220-15-2 HCAPLUS
CN [1,1'-Biphenyl]-4-ethanol, 5'-amino-2'-hydroxy-2-methyl-, hydrochloride (9CI) (CA INDEX NAME)



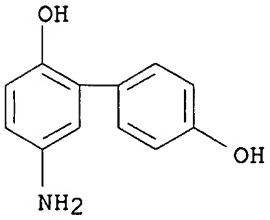
● HCl

RN 379220-17-4 HCAPLUS
CN [1,1'-Biphenyl]-4-methanol, 5'-amino-2'-hydroxy-.alpha.,2-dimethyl-, hydrochloride (9CI) (CA INDEX NAME)

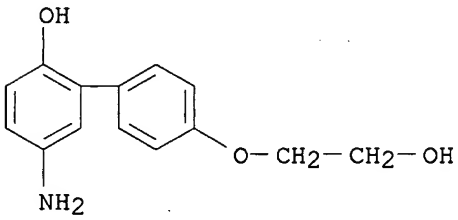


● HCl

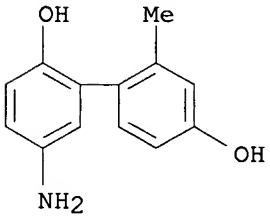
RN 379220-25-4 HCAPLUS
CN [1,1'-Biphenyl]-2,4'-diol, 5-amino- (9CI) (CA INDEX NAME)



RN 379220-26-5 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 5-amino-4'-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)

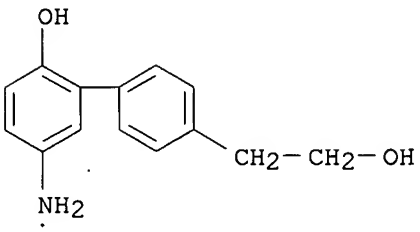


RN 379220-27-6 HCAPLUS
CN [1,1'-Biphenyl]-2,4'-diol, 5-amino-2'-methyl- (9CI) (CA INDEX NAME)

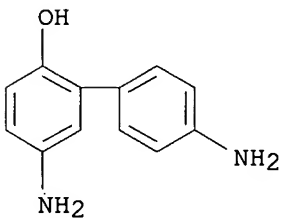


RN 379220-28-7 HCAPLUS

CN [1,1'-Biphenyl]-4-ethanol, 5'-amino-2'-hydroxy- (9CI) (CA INDEX NAME)



RN 379220-29-8 HCAPLUS
CN [1,1'-Biphenyl]-2-ol, 4',5-diamino- (9CI) (CA INDEX NAME)



L8 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:594358 HCAPLUS
DN 135:185186
TI **Hair** dye formulations containing 1-(3'-aminopropoxy)-2,4-diaminobenzene and developers
PA Wella A.-g., Germany
SO Ger. Gebrauchsmusterschrift, 29 pp.
CODEN: GGXXFR
DT Patent
LA German
IC ICM A61K007-13
CC 62-3 (Essential Oils and Cosmetics)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 20107481	U1	20010816	DE 2001-20107481	20010502
PRAI	DE 2001-20107481		20010502		

OS MARPAT 135:185186
AB **Hair** dye formulations contain a developer and coupler combination. The coupler substance can be 1-(3'-aminopropoxy)-2,4-diaminobenzene and/or its salt, and the developer is selected from compds. such as a p-phenylenediamine, a 4,5-diamino-1H-pyrazole, or a 4-aminophenol. Thus, 1-(3'-aminopropoxy)-2,4-diaminobenzene-3HCl was prepd. by the redn. of N-[2-(3'-aminopropoxy)-5-nitrophenyl]acetamide in the presence of palladium-charcoal and acidification with HCl. A **hair** dye formulation contained the above compd. 0.77, EtOH 10.00, 28% soln. of Na lauryl ether sulfate 10.00, 25% aq. soln. of NH3 10.00, ascorbic acid 0.30, 3-methyl-4-aminophenol 0.31 (developer) and water to 100 g. The formulation imparted a purple-red color to the **hair**.
ST aminopropoxydiaminobenzene **hair** dye developer; diaminobenzene

aminopropoxy **hair** dye developer; aminobenzene aminopropoxy **hair** dye developer

IT Phenols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(amino; **hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT Amines, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(diamines, arom.; **hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT **Hair** preparations
(dyes; **hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT Phenols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(**hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT Amines, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(phenolic; **hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT 90-15-3, 1-Naphthalenol 95-88-5 100-01-6, biological studies
108-46-3, 1,3-Benzenediol, biological studies 123-30-8 533-31-3,
1,3-Benzodioxol-5-ol 591-27-5 608-25-3 615-50-9 1004-74-6,
Pyrimidinetetramine 2835-95-2 2835-96-3 2835-98-5 2835-99-6
5392-28-9 5697-02-9 6358-09-4 **19434-42-5** 20055-01-0
26455-21-0 28365-08-4 45514-38-3 54381-16-7 70643-20-8
73793-79-0 73793-80-3 79352-72-0 81329-90-0 83732-72-3
84540-50-1 93841-24-8 93841-25-9 96886-30-5 104333-09-7
109942-17-8, [1,1'-Biphenyl]-2,5-diamine 126335-43-1 131311-66-5
131657-78-8 132026-22-3 132026-42-7 155601-16-4 155601-17-5
155601-30-2 157469-54-0 157469-73-3 168202-61-7 173994-78-0
217311-43-8 220264-58-4 232284-09-2 244104-61-8 244104-62-9
246244-41-7 306959-12-6 329320-36-7 337906-36-2 337906-38-4
344904-47-8 349649-41-8 349649-42-9 349649-43-0 349649-44-1
349649-46-3 354762-87-1 354762-88-2 354807-04-8
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(**hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT 76214-09-0P
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(**hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT 76214-07-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(**hair** dye formulations contg. aminopropoxydiaminobenzene and developers)

IT **19434-42-5**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(**hair** dye formulations contg. aminopropoxydiaminobenzene and developers)